

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	(Heimala near2 Seppo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:19
L2	17	(Ruonala near2 Mikko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:19
L3	615	75/743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:20
L4	4720	423/23-48.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:20
L5	452	C22B003/04	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:20
L6	582	C22B003/44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:20
L7	2024	C22B015/\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:20
L8	1217	M25-B\$3 and M25-G08 \$2	DERWENT	ADJ	ON	2008/12/16 11:21

L9	8786	L3 or L5 or L6 or L4 or L7 or L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:21
L10	181	L9 and ("2008".pd. or "2008".py.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/12/16 11:21
S1	2	"20060272454"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 08:55
S3	1935	Outokumpu.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 08:56
S4	26	(Heimala near2 Seppo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 08:57
S5	15	(Ruonala near2 Mikko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 08:57
S6	31	S4 or S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 08:57
S7	15	"4256553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23

S8	3	"6319389"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S9	4	"5795465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S10	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S11	17	"2755172"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S12	7	"5108495"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S14	3	"5902977"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S16	8	"2568963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:23
S17	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 09:28

S18	1935	Outokumpu.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S19	26	(Heimala near2 Seppo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S20	15	(Ruonala near2 Mikko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S21	31	S19 or S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S22	15	"4256553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S23	3	"6319389"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S24	4	"5795465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S25	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37

S26	17	"2755172"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S27	7	"5108495"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S28	4	"5807479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S29	4	"5807479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S30	3	"5902977"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S31	20	"2662009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S32	8	"2568963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S33	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:37
S34	15	("4070183"   "4165264").PN. OR ("4256553").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 10:50

S35	16	S22 or S34	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 10:50
S36	86	S23 or S24 or S25 or S26 or S27 or S28 or S29 or S32 or S33 or S31 or S22 or S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 10:57
S37	113	S36 or S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:04
S38	1907	S18 not S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:04
S39	839	S38 and (copper or cu or chalcopyrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:05
S40	9	S38 and (copper adj2 chalcopyrite or "CuFeS. sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:06
S41	69	S38 and (copper or cu) adj2 (sulfide or sulphide or sulphate or sulfate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:09
S42	186	S41 or S40 or S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:16
S43	393	(copper adj2 chalcopyrite or "CuFeS. sub.2") and leach\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:18

S44	357	S43 not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:19
S45	348	S44 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:20
S46	191	S45 and (((iron or fe) adj2 (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4)) or pyrrhotite or troilite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 11:24
S47	1935	Outokumpu.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S48	26	(Heimala near2 Seppo).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S49	15	(Ruonala near2 Mikko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S50	31	S48 or S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S51	15	"4256553"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28

S52	3	"6319389"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S53	4	"5795465"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S54	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S55	17	"2755172"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S56	7	"5108495"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S57	4	"5807479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S58	4	"5807479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S59	20	"2662009"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28

S60	8	"2568963"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S61	13	"3957602"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S62	15	("4070183"   "4165264").PN. OR ("4256553").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 12:28
S63	16	S51 or S62	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 12:28
S64	86	S52 or S53 or S54 or S55 or S56 or S57 or S58 or S60 or S61 or S59 or S51 or S63	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S65	113	S64 or S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S66	1907	S47 not S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S67	9	S66 and (copper adj2 chalcopyrite or "CuFeS. sub.2")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S68	69	S66 and (copper or cu) adj2 (sulfide or sulphide or sulphate or sulfate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28

S69	186	S68 or S67 or S65	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S70	393	(copper adj2 chalcopyrite or "CuFeS. sub.2") and leach\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S71	357	S70 not S69	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S72	348	S71 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S73	191	S72 and (((iron or fe) adj2 (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4)) or pyrrhotite or troilite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:28
S75	596	75/743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:33
S76	4695	423/23-48.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:33
S77	380	C22B003/04.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:33

S78	472	C22B003/44.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:33
S80	1832	C22B015/\$3.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:34
S81	1182	M25-B\$3 and M25-G08 \$2	DERWENT	ADJ	ON	2008/03/19 12:34
S83	3	copper same chalcopyrite same flotation same rougher same leach	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:35
S84	33	copper same chalcopyrite same flotation same rougher	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:35
S85	310	copper same chalcopyrite same flotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:36
S86	60	copper same ore same anaconda	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:36
S87	8477	S86 or S84 or S81 or S80 or S78 or S77 or S76 or S75	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:37
S88	4676	S87 and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 12:37

S89	596	75/743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S90	4695	423/23-48.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S91	380	C22B003/04.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S92	472	C22B003/44.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S93	1832	C22B015/\$3.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S94	1182	M25-B\$3 and M25-G08 \$2	DERWENT	ADJ	ON	2008/03/19 13:36
S95	33	copper same chalcopyrite same flotation same rougher	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S96	60	copper same ore same anaconda	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S97	8477	S96 or S95 or S94 or S93 or S92 or S91 or S90 or S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36

S98	4676	S97 and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:36
S99	2523	S98 and (iron or ferrous or ferric)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:48
S100	1636	S99 and leach\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:48
S101	1451	S99 and leach\$4 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:49
S102	1038	S99 and leach\$4 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) and (oxidize or oxidized or oxidation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:50
S103	430	S99 and leach\$4 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) and (oxidize or oxidized or oxidation) and flotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:51
S104	333	S99 and leach\$4 and ((copper or cupric or cuprous) adj2 (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) or "CuFeS. sub.2") and (oxidize or oxidized or oxidation) and flotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:52

S105	241	S99 and leach\$4 and ((copper or cupric or cuprous) adj2 (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) or "CuFeS. sub.2") and (oxidize or oxidized or oxidation) and flotation and (conversion or convert or converted)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 13:53
S106	141	S99 and leach\$4 and ((copper or cupric or cuprous) adj2 (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) or "CuFeS. sub.2") same (conversion or convert or converted or cementation) and (oxidize or oxidized or oxidation) and flotation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:10
S107	191	S99 and leach\$4 and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4) and (oxidize or oxidized or oxidation) and flotation and (conversion or cementation) and (recycl\$4 or reus\$4 or recircul\$4 or rougher)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:40
S108	107	S107 not S106	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:41
S109	8	copper same ore same anaconda and rougher	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:51
S110	43	S101 and rougher	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:52

S111	63	Phelps Dodge.as. and copper and (sulfide or sulphide or sulphate or sulfate or sulfid\$4 or sulphid\$4 or "CuFeS. sub.2" or chalcopyrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 14:58
S112	1	"5616168".pn.	USPAT	ADJ	ON	2008/03/19 15:10
S113	3	"20030231995"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 15:23
S114	681	Padilla.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 15:29
S115	23	Padilla.in. and copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 15:29
S116	2	"20020044899"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 16:17
S117	28	(US-20060207389-\$ or US-20020157504-\$ or US-20030231995-\$ or US-20020044899-\$). did. or (US-4256553-\$ or US-3896208-\$ or US-3951649-\$ or US-5295585-\$ or US-6319389-\$ or US-6676909-\$ or US-6680034-\$ or US-6007600-\$ or US-5108495-\$ or US-4561970-\$ or US-3816105-\$ or US-4483827-\$ or US-4917775-\$ or US-3891522-\$ or US-3957602-\$ or US-4024218-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/19 17:51

		3912330-\$ or US-6537440-\$ or US-4192851-\$ or US-5616168-\$).did. or (US-2568963-\$ or US-3544306-\$ or US-2755172-\$ or US-3799764-\$).did.				
S118	12	S117 and flotation near10 separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 17:52
S119	11	S117 and flotation near5 separat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/19 18:04
S120	1	DE "2348005"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 08:54
S121	1	CA "2363969"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 08:55
S122	28	(US-20060207389-\$ or US-20020157504-\$ or US-20030231995-\$ or US-20020044899-\$). did. or (US-4256553-\$ or US-3896208-\$ or US-3951649-\$ or US-5295585-\$ or US-6319389-\$ or US-6676909-\$ or US-6680034-\$ or US-6007600-\$ or US-5108495-\$ or US-4561970-\$ or US-3816105-\$ or US-4483827-\$ or US-4917775-\$ or US-3891522-\$ or US-3957602-\$ or US-4024218-\$ or US-3912330-\$ or US-	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/03/24 09:18

		6537440-\$ or US-4192851-\$ or US-5616168-\$).did. or (US-2568963-\$ or US-3544306-\$ or US-2755172-\$ or US-3799764-\$).did.				
S123	17	S122 and (leach\$4 near5 (pressure or autoclave or atmosphere \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 09:18
S124	11	S122 and conversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 10:09
S125	11	S122 and (cement\$6)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 10:50
S126	18	S122 and (cement\$6 or conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 10:50
S127	12	(troilite or "Fe.sub.1-xS") same conversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 14:51
S128	9482	(troilite or "Fe.sub.1-xS" or pyrrhotite or FeS) same conversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 14:55
S129	1449	(troilite or "Fe.sub.1-xS" or pyrrhotite or FeS) near10 conversion	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 14:55

S130	19	(troilite or "Fe.sub.1-xS" or pyrrhotite or FeS) near10 conversion near20 copper	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/03/24 14:55
S131	27	(Heimala near2 Seppo). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S132	16	(Ruonala near2 Mikko). in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S133	1952	Outokumpu.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S134	609	75/743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S135	4709	423/23-48.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S136	401	C22B003/04.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:54
S137	493	C22B003/44.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55

S138	1851	C22B015/\$3.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S139	1204	M25-B\$3 and M25-G08 \$2	DERWENT	ADJ	ON	2008/09/22 12:55
S140	609	75/743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S141	4709	423/23-48.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S142	401	C22B003/04.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S143	493	C22B003/44.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S144	35	copper same chalcopyrite same flotation same rougher	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S145	60	copper same ore same anaconda	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55
S146	8573	S145 or S144 or S139 or S138 or S143 or S142 or S141 or S140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 12:55

S147	662	75/740,743,744.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:00
S148	8606	S146 or S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:00
S149	1696	S148 and (copper or cu) near10 (sulfid\$4 or sulphi\$4 or chalco \$pyrite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:01
S150	1428	S149 and (leach\$4 or conversion or convert \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:01
S151	826	S150 and (first or '1st' or second or '2nd') same (concentrate or solution or leachate or leachant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:02
S152	453	S150 and (first or '1st' or second or '2nd') same concentrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:02
S153	513	S150 and (first or '1st' or second or '2nd' or primary or secondary) same concentrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:02
S154	320	S150 and (first or '1st' or second or '2nd' or primary or secondary) near20 concentrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:03

S155	2	"20060272454"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:17
S156	395	S147 and (copper or cu)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:18
S157	644	S154 or S156	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 14:19
S158	2014	S133 or Outotec	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:32
S159	139	S158 and (copper or cu) and leach\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:32
S160	156	S158 and (copper or cu) and (leach\$4 or conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:32
S161	729	(copper or cu) same concentrate same (high or low) near5 grade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:40
S162	471	(copper or cu) same (sulphi\$6 or sulfid\$4) same concentrate same (high or low) near5 grade	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:41

S163	250	(copper or cu) same (sulphi\$6 or sulfid\$4) same concentrate same (high or low) near5 grade and leach\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:41
S164	191	(copper or cu) same (sulphi\$6 or sulfid\$4) same concentrate same (high or low) near5 grade and leach\$4 and conver\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:41
S165	126	S164 not S157	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:42
S166	124	S165 not S160	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/22 15:42
S167	3090	(copper same (sulfide or sulphide) or chalcopyrite or CuFeS2 or "'CuFeS.sub.2'") same concentrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:30
S168	1635	(copper same (sulfide or sulphide) or chalcopyrite or CuFeS2 or "'CuFeS.sub.2'") near10 concentrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:30
S169	768	S168 and (iron or Fe) and (convert\$4 or conversion)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:31
S170	431	S169 and (platinum or gold or Pt or Au or precious adj2 metals)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:31

S171	2	WO "2005007902"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:36
S172	2	WO "2005007901"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:36
S173	2	WO "2005007905"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:37
S174	2	US "5616168"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:37
S175	8	S171 or S172 or S173 or S174	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:37
S176	22	(David near2 Dreisinger).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 10:51
S177	39	selective\$3 same flotation same chalcopyrite same pyrite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/09/23 13:14

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